

ESTABLISHING A VIRTUAL TUNNEL
BETWEEN TWO COMPUTER PROGRAMS

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Abstract

A system transfers data via a communication session between a client application and a server application, where the client application runs on a first network and the server application runs on a second network. The system includes a proxy having a socket to the client application. The proxy converts data between a local protocol run on the first network to a non-local protocol. An agent creates a socket to the server application. The agent converts data between a local protocol run on the second network and the non-local protocol. A server is in communication with the proxy and the agent. The server contains a message queue dedicated to the communication session. The message queue stores data transmitted during the communication session.

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